Tangible Result Driver – Brian Weiler, Multimodal Operations Director

MoDOT has an active role in all modes of transportation, including rail, air, water, and transit. Transportation is more than highways and bridges. Every day millions of tons of goods move through the state by rail. Thousands of passengers use Missouri's airport facilities. And hundreds of barges navigate state waterways. All of these modes combine to keep Missouri's economy robust and vital.

## Number of airline passengers

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Joe Pestka, Administrator of Aviation

#### **Purpose of the Measure:**

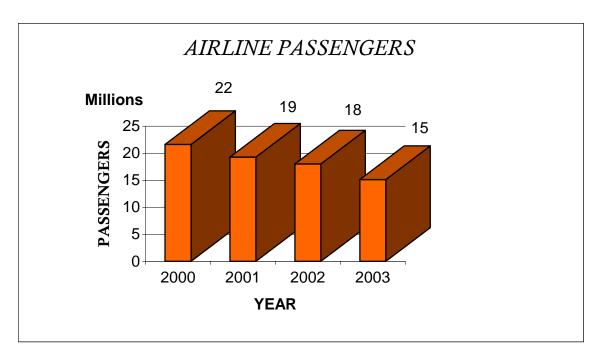
This measure tracks the number of passengers boarding airplanes. It helps the department determine the viability of Missouri's commercial airline industry. This number is also used by the Federal Aviation Administration to help determine airports' capital improvement funding levels.

#### **Measurement and Data Collection:**

The data will be collected annually from the Federal Aviation Administration. Airline passengers are considered passengers boarding airplanes.

#### **Improvement Status:**

While this measure indicates the viability of the commercial airline industry in Missouri, MoDOT cannot affect this activity. The decrease in flights by American Airlines, which is based at the St. Louis Lambert International Airport, and the effects of 9/11, in part, have contributed to the decreasing number of passengers boarding airplanes the past three years.





## Number of rail passengers

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Rod Massman, Administrator of Railroads

#### **Purpose of the Measure:**

This measure tracks the number of people using the train service from Kansas City to St. Louis.

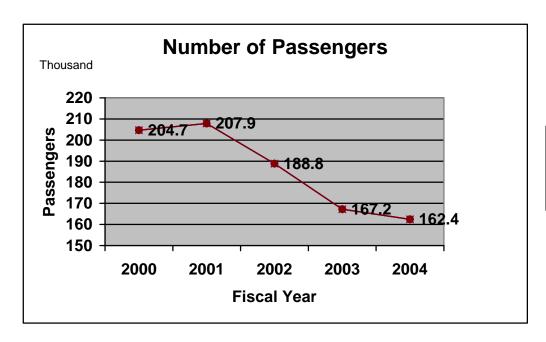
#### **Measurement and Data Collection:**

Amtrak provides the number of passengers per train in Missouri on a monthly basis.

#### **Improvement Status:**

Annual ridership has decreased since state FY01. This decrease is due to the loss of promotional funding, no longer staffing two stations, the uncertainty of state funding support and poor ontime train performance. However, there has been a 3 percent increase in ridership during the first two quarters of FY05, and the uncertainty in state funding support appears to be improving. For the first time in three years, MoDOT does not have to ask the state legislature for additional funding to keep passenger trains operational through the end of the fiscal year.

MoDOT continues to work with the Missouri Rail Passenger Advisory Committee to explore ways for promoting state-supported passenger rail service. Long-term, MoDOT has teamed with eight other midwestern states to support the Midwest Regional Rail Initiative, which would bring expanded high-speed passenger rail service to Missouri. This initiative depends on securing federal funding..





## Number of transit passengers

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Steve Billings, Administrator of Transit

#### **Purpose of the Measure:**

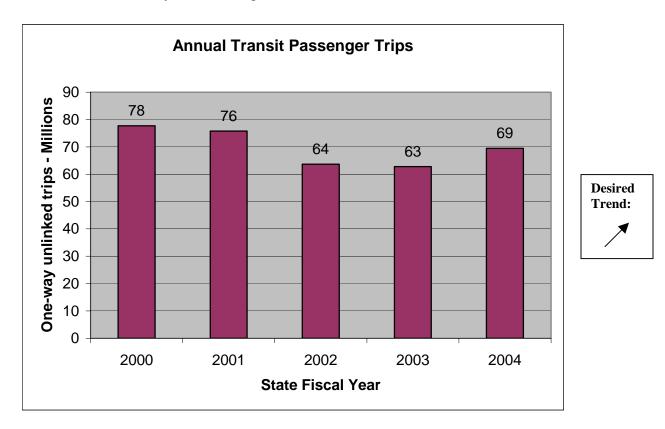
This measure gauges the use of public transit mobility services in Missouri. It also provides a historical perspective and trend of public transit service use in Missouri.

#### **Measurement and Data Collection:**

The total number of transit passengers is measured by the annual total of one-way unlinked transit trips taken by passengers on public transit vehicles. Data is obtained from urban and rural providers of general public transit services.

#### **Improvement Status:**

After a cut in state transit funding in state FY03, transit service use is rebounding. State FY06 ridership is expected to increase with the introduction of bus rapid transit service in Kansas City in July 2005. State FY07 ridership is expected to increase with the 2006 opening of the MetroLink cross-county extension light rail line in St. Louis.



## Percent of Amtrak trains on time

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Rod Massman, Administrator of Railroads

#### **Purpose of the Measure:**

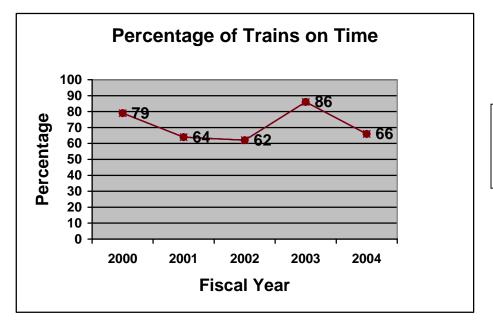
This measure demonstrates a pattern of how trains are performing for on-time arrivals and departures.

#### **Measurement and Data Collection:**

On time means any train arriving within a half hour of its scheduled arrival time or departing within a half hour of its scheduled departure time. The data is collected every day from each of the four trains in the Missouri service (St. Louis to Kansas City route). Amtrak faxes the data to MoDOT daily and includes the times, dates and occurrences of the trip, including departure, arrival and delay times and the reasons for various delays. This information is tabulated to identify a percentage for each on-time train, with a separate percentage for each month. At the end of the year, an overall percentage for each train is tabulated.

#### **Improvement Status:**

On-time performance of passenger trains has fluctuated since state FY00. The primary reasons for delays are freight train congestion and poor track conditions. Union Pacific Railroad, which owns the tracks between St. Louis and Kansas City, has attempted to improve this situation by investing significant resources in improving track maintenance. This construction work caused some delays during 2004, but on-time performance is expected to improve during state FY05 due to improved track conditions.





## Number of days the river is navigable

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Sherrie Martin, Waterways Program Manager

#### **Purpose of the Measure:**

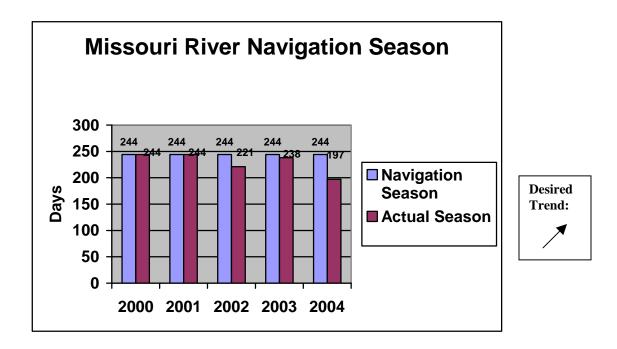
This measure provides historical data regarding the use of the inland waterways navigation system

#### **Measurement and Data Collection:**

The U.S. Army Corps of Engineers publishes an Annual Operating Plan for the Missouri River and bases the end of navigation season on pool storage levels as of July 1.

#### **Improvement Status:**

With severe drought in upper western states (such as South Dakota and Montana), there are negative results for 2002 through 2004. This trend will only reverse with substantial precipitation in the Missouri River Basin.



## Average days per week rural transit service is available

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Steve Billings, Administrator of Transit

#### **Purpose of the Measure:**

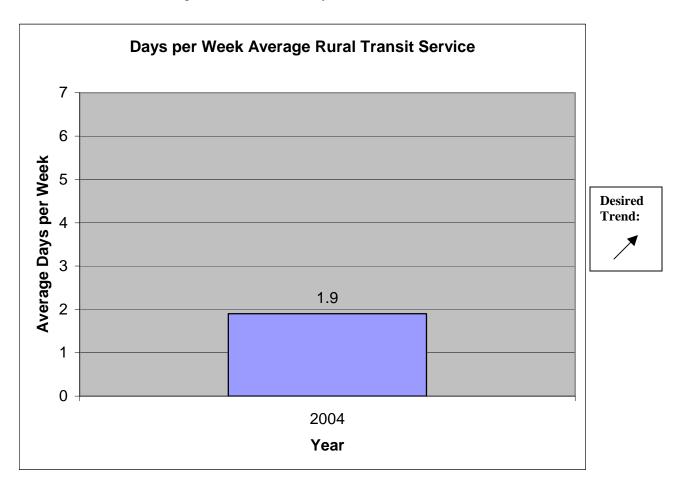
This measure identifies the average existing public transit service in rural Missouri by indicating the availability of rural mobility services for employment, medical appointments and necessary shopping.

#### **Measurement and Data Collection:**

Reviewing published transit service schedules in each rural Missouri county and averaging those daily frequencies within a week's schedule for available countywide transit services calculate the average days per week that rural transit service is available.

#### **Improvement Status:**

Rural transit service frequencies are not sufficient, on average, to support full-time employment in most rural counties using most of the currently available rural transit services.



## Number of business capable airports

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Joe Pestka, Administrator of Aviation

#### **Purpose of the Measure:**

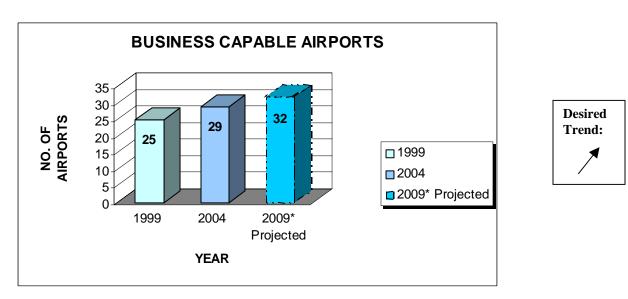
This measure tracks the number of airports that are capable of handling business aircraft. Local communities and economic development agencies can use the number of airports to assist in increasing a community's economic viability for business retention and development.

#### **Measurement and Data Collection:**

Data is collected by monitoring airports' development.

#### **Improvement Status:**

Proposed airport expansion projects are identified in the Statewide Transportation and Improvement Program and State Airport System Plan Update. Missouri has been successful in recent years with new business-capable runways at Clay County, Washington and Kennett airports.



<sup>\*</sup>One runway project is under construction and two are programmed in the current five-year STIP for future funding.

## Number of passengers and vehicles transported by ferryboat

Results Driver: Brian Weiler, Multimodal Operations Director

**Measurement Driver:** Sherrie Martin, Waterways Program Manager

#### **Purpose of the Measure:**

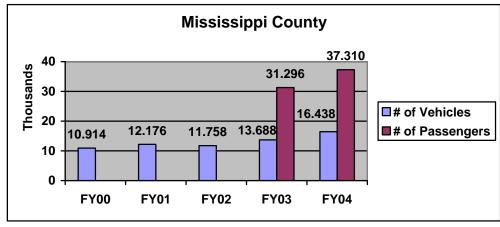
This measure tracks the statistics regarding use of ferryboat services.

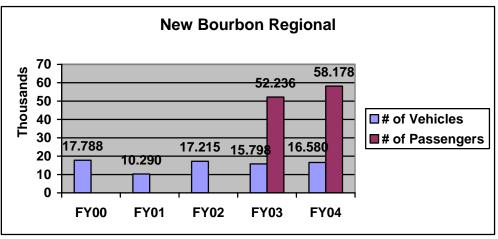
#### **Measurement and Data Collection:**

Missouri's two ferry services submit a monthly report that includes this information and the cost for providing the service and for any service disruption.

#### **Improvement Status:**

Both ferry services are continuing a trend of increased service since SFY01.







## Number of active transit vehicles

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Steve Billings, Administrator of Transit

#### **Purpose of the Measure:**

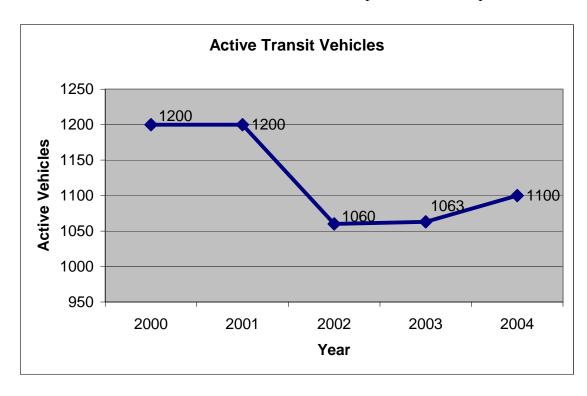
This measure tracks the number of active transit vehicles in passenger service. This data indicates the collective potential capacity for Missouri's transit agencies to deliver mobility services.

#### **Measurement and Data Collection:**

The data represents the number of transit vehicles dedicated to urban and rural public transit services and those federally funded vehicles used by specialized transit services.

#### **Improvement Status:**

The statewide transit fleet decreased in 2002 due to declining funds at Metro transit service in St. Louis. Recent additions have been made to rural and specialized transit providers' fleets.





## Number of inter-city bus stops

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Steve Billings, Administrator of Transit

#### **Purpose of the Measure:**

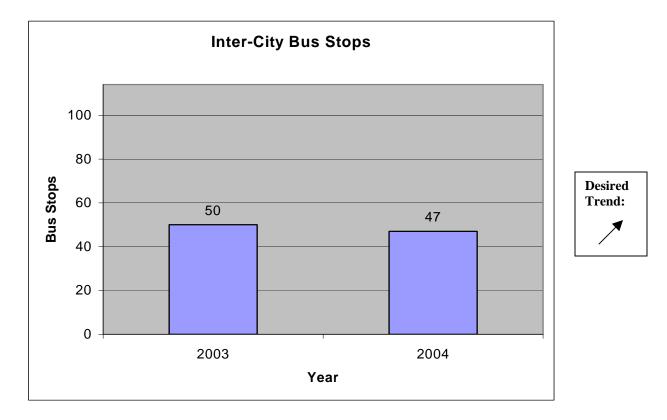
This measure tracks the number of inter-city bus stops. Inter-city bus stops represent access points to inter-city bus services provided by Greyhound, Jefferson Lines and Trailways. More stops among Missouri's 114 counties means greater access. Fewer stops create a barrier by necessitating greater traveling distances in order to board an inter-city bus.

#### **Measurement and Data Collection:**

Data on the number and location of inter-city bus stops is obtained annually from the national and regional inter-city bus carriers.

#### **Improvement Status:**

The number of inter-city bus stops has decreased due to reductions in Greyhound service, although Jefferson Lines and Trailways have picked up some of Greyhound's former routes and stops. On average, there is less than one inter-city bus stop for every two counties with large areas of north central and central Missouri not served.



## Percent of customers satisfied with transportation options

**Results Driver:** Brian Weiler, Mulitmodal Operations Director **Measurement Driver:** Mike Shea, Assistant State RDT Engineer

#### **Purpose of the Measure:**

This measure will provide information on how the public perceives MoDOT's performance in providing transportation options.

#### **Measurement and Data Collection:**

#### **Improvement Status:**

# Measure is Under Development

## Number of daily scheduled airline flights

**Results Driver:** Brian Weiler, Multimodal Operations Director **Measurement Driver:** Joe Pestka, Administrator of Aviation

#### **Purpose of the Measure:**

This measure will track the number of airline flights. This data will assist in determining options available to the traveling public. It will provide an indication of the airline industry's economic stability in Missouri.

#### **Measurement and Data Collection:**

#### **Improvement Status:**

# Measure is Under Development